Wireless module - RAD-ISM-900-BD-BUS - 2867092

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Transceiver (transmitter and receiver) for expanding point to multipoint connections and repeater circuits, for 900 MHz bidirectional wireless transmission system (America)

Your advantages

- Two omnidirectional antennas (optional)
- Additional transceivers can be added to configure repeater systems
- No additional parameterization or programming required
- Individual transceivers are listed under Class I, Division 2
- Operates in the license-free 902 - 928 MHz ISM band
- Frequency hopping spread spectrum
- The integrated bus foot enables connection to additional I/O modules
- Each transceiver has 1 analog input (4 ... 20 mA) and 2 digital inputs (5 ... 30 V AC/DC), as well as 1 analog output and 2 digital outputs, for direct connection to compatible sensors and actuators and for data transmission in both directions
- Status of the wireless connection via a relay (RF link)

Key Commercial Data

Packing unit	1 pc
GTIN	4 017918 929619
GTIN	4017918929619

Technical data

Note

Trade restriction	The products are offered exclusively for export outside the EU and the European Economic Area.

Dimensions

Width	22.5 mm
Height	99 mm
Depth	114.5 mm

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Technical data

Ambient conditions

Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Degree of protection	IP20

Wireless set

Set contents	1 transceiver

General

Mounting position	any
Assembly instructions	on standard DIN rail NS 35 in accordance with EN 60715
Housing material	Polyamide PA non-reinforced

Connection data

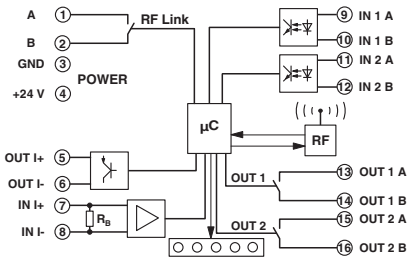
Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	4 mm²
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	2.5 mm²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	14
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3

Standards and Regulations

Electromagnetic compatibility	FCC Part 15.247 / ISC RSS 210
Conformance	FCC Directive, Part 15.247
	ISC Directive RSS 210
UL, USA/Canada	Class I, Div. 2, Groups A, B, C, D

Drawings

Block diagram



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